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1 **Protein-based self-assembly bridging system with cassette tags**
Yang-ren Rau; Huey-jenn Chiang;
Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference on , Volume: 1 , 12-14 Aug. 2003
Pages:375 - 378 vol.2

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Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue 9 , Sept. 2004
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[Abstract] [PDF Full-Text (512 KB)] **IEEE JNL**

---

2 **Suboptimal approximation/identification of transient waveforms fro electromagnetic systems by pencil-of-function method**
Sarkar, T.; Nebat, J.; Weiner, D.; Jain, V.;
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988] , Volum 28 , Issue: 6 , Nov 1980
Pages:928 - 933

[Abstract] [PDF Full-Text (480 KB)] **IEEE JNL**

---

3 **An Accurate Formula for the Gamma Function (Letters)**
Lewin, L.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 22 , Issue 10 , Oct 1974
Pages:910 - 910

[Abstract] [PDF Full-Text (112 KB)] **IEEE JNL**

---

4 **Field Description with Spatial and its Application to Complex Variabl Scattering and Waveguide Problems**
Hashimoto, M.; Fujisawa, K.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 19 , Issue

5 , May 1971
Pages:458 - 474

[Abstract] [PDF Full-Text (1440 KB)] IEEE JNL

---

5 **Scattering at a Junction of Two Waveguides with Different Surface Impedances**
Dragone, C.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 32 , Issue 10 , Oct 1984
Pages:1319 - 1328

[Abstract] [PDF Full-Text (1032 KB)] IEEE JNL

---

6 **The Diffraction of Electromagnetic Waves by Dielectric Steps in Waveguides**
Royer, E.G.; Mittra, R.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 20 , Issue 4 , Apr 1972
Pages:273 - 279

[Abstract] [PDF Full-Text (632 KB)] IEEE JNL

---

7 **A Modified Residue-Calculus Technique for Solving a Class of Bound Value Problems-Part II: Waveguide Phased Arrays, Modulated Surface and Diffraction Gratings**
VanBlaricum, G.F.; Mittra, R.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 17 , Issue 6 , Jun 1969
Pages:310 - 319

[Abstract] [PDF Full-Text (984 KB)] IEEE JNL

---

8 **A Theoretical Analysis of Discrete Reflecting Beam Waveguide with Parabolic Cylindrical Reflectors**
Suzuki, M.; Kamimura, M.; Fujiki, S.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 18 , Issue 7 , Jul 1970
Pages:338 - 347

[Abstract] [PDF Full-Text (704 KB)] IEEE JNL

---

9 **A synthesis technique of time-domain interconnect models by MIMO type of selective orthogonal least-square method**
Suzuki, M.; Miyashita, H.; Kamo, A.; Watanabe, T.; Asai, H.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 49 , Issue 10 , Oct. 2001
Pages:1708 - 1714

[Abstract] [PDF Full-Text (176 KB)] IEEE JNL

---

10 **Improving time-domain measurements with a network analyzer us robust rational interpolation technique**

Beyene, W.T.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 49 , Issue 3 , March 2001
Pages:500 - 508

[Abstract] [PDF Full-Text (236 KB)] IEEE JNL

---

11 **A residue number system on reconfigurable mesh with applications prefix sums and approximate string matching**
Bertossi, A.A.; Mei, A.;
Parallel and Distributed Systems, IEEE Transactions on , Volume: 11 , Issue: 11 , Nov. 2000
Pages:1186 - 1199

[Abstract] [PDF Full-Text (324 KB)] IEEE JNL

---

12 **A method for reduced-order modeling and simulation of large interconnect circuits and its application to PEEC models with retardati**
Cullum, J.; Ruehli, A.; Zhang, T.;
Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactic [see also Circuits and Systems II: Express Briefs, IEEE Transactions on] , Volt 47 , Issue: 4 , April 2000
Pages:261 - 273

[Abstract] [PDF Full-Text (400 KB)] IEEE JNL

---

13 **Improved global rational approximation macromodeling algorithm networks characterized by frequency-sampled data**
Elzinga, M.; Virga, K.L.; Prince, J.L.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 48 , Issue 9 , Sept. 2000
Pages:1461 - 1468

[Abstract] [PDF Full-Text (164 KB)] IEEE JNL

---

14 **Efficient transient simulation of high-speed interconnects characte by sampled data**
Beyene, W.T.; Schutt-Aine, J.E.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 21 , Issue: 1 , Fe 1998
Pages:105 - 114

[Abstract] [PDF Full-Text (248 KB)] IEEE JNL

---

15 **Application of asymptotic waveform evaluation for analysis of skin effect in lossy interconnects**
Das, S.K.; Smith, W.T.;
Electromagnetic Compatibility, IEEE Transactions on , Volume: 39 , Issue: 2 , 1997
Pages:138 - 146

[Abstract] [PDF Full-Text (284 KB)] **IEEE JNL**

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Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue 9 , Sept. 2004
Pages:2227 - 2239

[Abstract] [PDF Full-Text (512 KB)] **IEEE JNL**

---

2 **Physically Realizable Filtering for Data Transmission Systems**
Rubin, P.; Kurz, L.;
Circuits and Systems, IEEE Transactions on [legacy, pre - 1988] , Volume: 16 , Issue: 1 , Feb 1969
Pages:67 - 75

[Abstract] [PDF Full-Text (976 KB)] **IEEE JNL**

---

3 **Generalized rational interpolation over commutative rings and remainder decoding**
Armand, M.A.;
Information Theory, IEEE Transactions on , Volume: 50 , Issue: 4 , April 2004
Pages:683 - 690

[Abstract] [PDF Full-Text (496 KB)] **IEEE JNL**

---

4 **A novel systematic approach for equivalent model extraction of embedded high-speed interconnects in time domain**
Tzong-Lin Wu; Chun-Chih Kuo; Hsiao-Chen Chang; Jian-Sheng Hsieh;
Electromagnetic Compatibility, IEEE Transactions on , Volume: 45 , Issue: 3 , 2003

Pages:493 - 501

[Abstract] [PDF Full-Text (729 KB)] IEEE JNL

---

5 **Improving time-domain measurements with a network analyzer usi robust rational interpolation technique**
Beyene, W.T.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 49 , Issue 3 , March 2001
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[Abstract] [PDF Full-Text (236 KB)] IEEE JNL

---

6 **Improved global rational approximation macromodeling algorithm f networks characterized by frequency-sampled data**
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[Abstract] [PDF Full-Text (164 KB)] IEEE JNL

---

7 **Pole-clustering and rational-interpolation techniques for simplifying distributed systems**
Beyene, W.T.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transacti on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 46 , Issue: 12 , Dec. 1999
Pages:1468 - 1472

[Abstract] [PDF Full-Text (108 KB)] IEEE JNL

---

8 **Efficient transient simulation of high-speed interconnects characteri by sampled data**
Beyene, W.T.; Schutt-Aine, J.E.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 21 , Issue: 1 , Fe 1998
Pages:105 - 114

[Abstract] [PDF Full-Text (248 KB)] IEEE JNL

---

9 **Accurate frequency-domain modeling and efficient circuit simulatior high-speed packaging interconnects**
Beyene, W.T.; Schutt-Aine, J.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 45 , Issue 10 , Oct. 1997
Pages:1941 - 1947

[Abstract] [PDF Full-Text (184 KB)] IEEE JNL

---

10 **Pole-zero computation in microwave circuits using multipoint Pade**

approximation
Celik, M.; Ocali, O.; Tan, M.A.; Atalar, A.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactic
on [see also Circuits and Systems I: Regular Papers, IEEE Transactions
on] , Volume: 42 , Issue: 1 , Jan. 1995
Pages:6 - 13

[Abstract] [PDF Full-Text (612 KB)] **IEEE JNL**

---

11 **TOPLine: a delay-pole-residue method for the simulation of lossy a
dispersive interconnects**
Grivet-Talocia, S.; Canavero, F.G.;
Electrical Performance of Electronic Packaging, 2002 , 21-23 Oct. 2002
Pages:359 - 362

[Abstract] [PDF Full-Text (324 KB)] **IEEE CNF**

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